# CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP. 2203 Airport Way So., Suite 400 • Seattle, WA 98134

22998

Chempro (206) 223-0500 Resource Recovery (206) 223-0900 WAD061672812 Form Approved. OMB No. 2050-0039. Expires 9-30-91 Manifest ocument 2998 UNIFORM HAZARDOUS Generator's US EPA ID No. 2. Page 1 Information in the shaded areas is not required by Federal law. WASTE MANIFEST AD980738546 A. State Manifest Document Number 48124 B. State Generator's ID 623 5800 ex US EPA ID Number C. State Transporter's ID Transporter 1 Company N WADO61672812 D. Transporter's Phone esource E. State Transporter's ID **US EPA ID Number** Transporter 2 Company Name Transporter's Phone 9. Designated Facility Name and Site Address 10. US EPA ID Number G. State Facility's ID ☐ Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 ⚠ Chempro 1701 Alexander Tacoma, WA (206) 838-4774 WAD 000812909 WAD 020257945 Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 WAD 991281767 H. Facility's Phone Other: <del>8</del>38 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Waste No. No. Type Quantity  $D \infty C$ a. 1000 Ь. GENERATOR c. d. J. Additional Descriptions for Materials Listed Above K. Handling Codes for Wastes Listed Above 15. Special Handling Instructions and Additional Information GENERATOR EMERGENCY TELEPHONE ☐ CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name Signature Year 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Month Day Year MCALLE 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month in Transporters 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Day Printed/Typed Name Signature Month Trant NO 5 21 EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete. nont to All Wayn ORIGINAL — RETURN TO GENERATOR

AKC-0018667

# Chempro (206) 223-0500. (it (12-pitch) typewriter.) CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP. 2203 Airport Way So., Suite 400 • Seattle, WA 98134 Resource Recovery (206) 223-0900 WAD061672812 Form Approved. OMB No.

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# CHEMPRO GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

P.O. # m 16387 for Profice & Pick-up	CP# 47200
A. GENERATOR INFORMATION  1. Generator Name: ALASKAN COPPER WORKS 2. G  3. Facility Address: 3 600 CASI MARGINAL WAY  City: SEATTLE State WAS  4. Generator Contact WAYNE LARSEN 5. Title:	S.O., Zip Code 98134
B. MAIL CHEMPRO INVOICES TO: 1. Generating Facility (A, above), or 2. Company Name: ALASKAN COPER WORKS 4. Address: POBOX 3546  City: SEATTLE State WAS 5. Atten: WASEN	3. Phone: ( ) Zip Code 98124
C. 1. NAME OF WASTE SULFURIC ACID & WAI  2. PROCESS GENERATING WASTE CLEAN COPPER &  3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F0  Yes No If yes, contact your CHEMPRO sales representative for assistance	022, F023, F026, F027 or F028)?
D. PHYSICAL CHARACTERISTICS OF WASTE	
1. Color:  2. Physical State @ 70°F: Solid Solid Semi-Solid Powder Other:  3. Layers: Multilayered Di Bi-Layered Single Phase	
	10-12.5
E. CHEMICAL COMPOSITION  1. A I C R  Sulfur C ACID  1. J O 90 %  I	F. METALS Indicate if this waste contains any of the following:           1.  □ EP TOX/TCLP         or         2. □ Total           METAL         LESS THAN         or         ACTUAL           (Parts Per Million)         Quantificial         Quantificial         Quantificial           Arsenic (As)         □ < 5

## **GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)**

G. OTHER HAZARDÓUS CHARACTERISTICS		
1. Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F0		
<ol> <li>Does this waste contain greater than 1000 ppm total halogenated organic composition.</li> <li>Indicate if this waste is any of the following: None</li> </ol>	unds? ☐ Yes ☐ Yo	
RCRA Reactive Shock Sensitive Etiological		
	nufacturing Waste	
Explosive Radioactive	made during waste	
H. USEPA/STATE INFORMATION	s Waste Number(s): 0002	
	waste Number(s):	
J. State Mazardous	Waste Namber(s).	
I. SHIPPING INFORMATION		
	Reportable Quantity (RQ): 1000 (lb)	
3. Method of Shipment: Bulk Liquid Bulk Solid Drum ( 4. Amount to ship now / units 5. One time - OF	(Type/Size): Other: Other:	
US DOT DESCRIPTION:	7 Antiopaled Volume of the per year	
(: ) Waste Ucid Liquid	N.O.S. (Dulgune rical, N'7	ric /
Carrosiva Material NA-1760	(0013)	***************************************
Carrosive Material 9. DOTID NUMBER 7.60	10. ADDITIONAL DESCRIPTION	
LODGIAL HANDLING INFORMATION ENCLOSED NOTIFICATION	on must be attached to each man	120551
J. SPECIAL HANDLING INFORMATION CACCOSCOC NOTIFICATI	UN TIMES IN WINGER 18 SUCCE THINK	ינטוויי
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	Additional Page(s) At	ttached
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of this waste material, and all relevant information regarding known or suspected ha	nis and all attached documents contains true and accurate descrizards in the possession of the generator has been disclosed.  2.	
of this waste material, and all relevant information regarding known or suspected ha	nis and all attached documents contains true and accurate descr	
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of this waste material, and all relevant information regarding known or suspected hat  1. SIGNATURE  3. WAYNE ARSEN NAME (TYPE OR PRINT)	nis and all attached documents contains true and accurate descrizards in the possession of the generator has been disclosed.  2.  TITLE  4.  DATE  ATTICLE  TITLE  TITLE  TO DATE  THE PROPERTY AND ADDRESS OF THE PROPERTY AD	
1. SIGNATURE 3. NAME (TYPE OR PRINT) SHADED AREA FOR CHEMPRO USE ONLY:	nis and all attached documents contains true and accurate descrizards in the possession of the generator has been disclosed.  2. TITLE 4. DATE  A. DATE	
1. SIGNATURE 3. A Y LE A R SC N NAME (TYPE OR PRINT) SHADED AREA FOR CHEMPRO USE-ONLY: SAFETY & HEALTH SCREEN	nis and all attached documents contains true and accurate descrizards in the possession of the generator has been disclosed.  2.  TITLE  4. DATE  ADATE	
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1. SIGNATURE 3. NAME (TYPE OR PRINT) SHADED AREA FOR CHEMPRO USE ONLY: Additional Analysis	2. TITLE 4. S DATE  Vapor Pressure  Vapor Density  Tis and all attached documents contains true and accurate description of the generator has been disclosed.	
of this waste material, and all relevant information regarding known or suspected had all signature  1. SIGNATURE  3. A YALE ARSEN  NAME (TYPE OR PRINT)  SHADED AREA FOR CHEMPRO USE ONLY:  SAFETY & HEALTH SCREEN  Additional Analysis  Minimum TLV  STEL Ceiling by	2. TITLE  4. DATE  Vapor Pressure  Vapor Pressure  Tis and all attached documents contains true and accurate description of the generator has been disclosed.  Vapor Pressure  FLAMMABLE	
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of this waste material, and all relevant information regarding known or suspected hat  1. SIGNATURE 3. A Y HE ARSON NAME (TYPE OR PRINT)  SHADED AREA FOR CHEMPRO USE ONLY:  SAFETY & HEALTH SCREEN  Additional Analysis  Minimum TLV  STEL  Ceiling  by  Classification  Codes  Health  Fire  Reactivity	2. TITLE 4. S ALL PROTECTION  Vapor Pressure  Vapor Density  PPE Target Organ	

# CHEMPRO

NET

#### RESOURCE RECOVERY CORP.

A CHEMPRO COMPANY

BILL OF LADING 329663

1629 EAST ALEXANDER • TACOMA, WA 98421 TACOMA, (206) 383-3044

SEATTLE, (206) 223-7798

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Environmental Inc			
Company .	114	•	

TRANSPORTED BY

DATE 9-10 1990 ORIGIN SEATTLE WASHINGTON SHIPPER ALASKA COPPER SHIPPERS NO. ORDER NO. DESTINATION TACOMA 22798 IN THE ABSENCE OF A BILL OF LADING SUPPLIED BY THE SHIPPER, THIS TRUCK LOADING ORDER WILL BECOME A LEGAL BILL OF LADING. TRANSPORTATION SUBJECT TO PUC REGULATIONS. FOR OFFICE USE ONLY HAZ. MATERIAL I.D. NUMBER QUANTITY DOT PROPER SHIPPING NAME WEIGHT HAZARD CLASS RATE **FREIGHT** Ra CONKOSIVE 000 NN 1760 MATERIAL SHIPPER GROSS \_ CONSIGNEE TARE\_ PLEASE PAY THIS AMOUNT

ORIGINAL FREIGHT BILL

PUC REGULATIONS REQUIRE PAYMENT OF THIS BILL IN SEVEN DAYS.

### CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134
Chempro (206) 223-0500
Resource Recovery (206) 223-0900
WAD061672812

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA		Manifest Document No.	2. Pag		tion in the shad vired by Federa	
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**GENERATOR'S COPY** 



#### GENERAL INTERNAL PURCHASE REQUISITION

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#### EXHIBIT A

Generato	or: ALASKAN COPPER WORKS	
Waste Ma	aterial Profile Sheet(s) No(s) 47200	
a. (	) Loading of the described waste material (the "Wast Materials") onto transportation vehicles, cars or	
b. (	) Transportation of the Waste Materials from:	
	to the permitted waste management facility at:	
	-	
	by:	
	and/or	
c. (	) Receipt of the Waste Materials from:	
	3600 East Marginal Way South	
	Seattle, Washington 98134	
	to the permitted Waste Management facility at	
	1701 East Alexander Avenue	
	Tacoma, Washington 98421	

Place, Time and Frequency and Quantity(ies) and Transfer of Title to Waste Materials: 8:00am - 4:30pm Weekdays, except holidays, weather permitting.

#### EXHIBIT B

#### PROFILE AND DISPOSAL FEE:

47200: \$100.00 profile fee

\$4.00 per gallon sludge plus \$7.00 per gallon of sludge

Disposal fees do not include transportation

By their signature hereto, the parties agree that these Exhibits A and B, including the referenced Waste Material Profile Sheet(s), shall be considered an attachment to, and part of, that certain "Waste Transportation and Management Agreement" identified above.

CHEMICAL PROCESSORS, INC.	ALASKAN COPPER WORKS
Company .	Company
Hawld (. Willi	Wayne Sarson
Signature`	Signature
Harold C. Williams	WATHE LARSEN
Print Name	Print Name
Division Sales Manager	lace cont. co onl.
Title	Title
9/5/90	9/7/90
Date /	Date



September 10, 1990

A Burlington Environmental Inc. Company

ALASKAN COPPER WORKS P.O. BOX 3546 SEATTLE, WA 98124

ATTN: MR. WAYNE LARSEN

Re: Generator's Waste Material Profile Sheet 47200

Dear Mr. Larsen:

Confirming our telephone conversation toady, you have authorized Chemical Processors, Inc. to make the changes described below to the above mentioned profile sheet.

Section

Change D.O.T. I.D. number to NA-1760

Yours truly,

Susan L. Mosher Sales Coordinator

CHEMICAL PROCESSORS, INC.

2203 Airport Way South . Suite 400 • Seattle, Washington 98134 (206) 223-0500 • FAX: 223-7791

#### RCRA LAND DISPOSAL RESTRICTION NOTIFICATION FORM-EZ

(This form is applicable for characteristic wastes D001-D011 and/or F-listed solvent wastes F001-F005)

Generator: A	-ASKAN COPPER WORLD	U.S. EPA I.D. No	WAD 9807 38546
Chempro Profile		Manifest No	22998 22998
designated by a	is submitted to Chempro's treatment facility in accordance with U.S. EPA regulations check mark in the associated box(es), is included in this waste shipment and is restricted. The reverse side of this form provides treatment standards for F001-F005 was	ricted and banned	d from land disposal unless treated to
Waste Analysis I	Data is: [ ] Attached [ ] Not Attached		
0011051150451	DN DAGED CTANDADDC. The treatment standards for most libraries unates (DOGA S	2011) annosis 46	OCE 000 40 (a) (Table 0004) (a)
	<u>ON-BASED STANDARDS</u> : The treatment standards for metal-bearing wastes (D004-D t in 40 CFR 268.41 (a) (Table CCWE) for nonwastewaters. The treatment standards for a CCW).		the state of the s
Waste Code	Regulated Hazardous Constituent Treatability Group		
D003		[] Nonwastewa	ter
] D004	Arsenic [ ] Wastewater	[] Nonwastewa	ter [ ] Inorganic Solid Debris
] D005	Barium [ ] Wastewater	[ ] Nonwastewa	ter [ ] Inorganic Solid Debris
] D006	Cadmium (except Batteries, see below)	[] Nonwastewa	ter [ ] Inorganic Solid Debris
] D007	Chromium . [ ] Wastewater	[] Nonwastewa	ter [ ] Inorganic Solid Debris
] D008	Lead (except Lead Acid Batteries, see below) [ ] Wastewater	[] Nonwastewa	ter [ ] Inorganic Solid Debris
] D009	Mercury (< 260 mg/kg Total Mercury) [ ] Wastewater	[] Nonwastewa	ter [] Inorganic Solid Debris
[ ] D010	Selenium [ ] Wastewater	[] Nonwastewa	ter [ ] Inorganic Solid Debris
[ ] D011	Silver [ ] Wastewater	[ ] Nonwastewa	ter [ ] Inorganic Solid Debris
TECHNOLOGY-	BASED STANDARDS: The following wastes have treatment standards expressed as	technology-based	d standards listed in 40 CFR 268.42 (a).
Vaste Code	Waste Description and/or Treatment Subcategory Treatabilit	v Group	Treatment Code
D001	Low TOC Ignitable Liquids (<10% Total Organic Carbon)  Nonwaste		DEACT
] D001	High TOC Ignitable Liquids (≥10% Total Organic Carbon)  Nonwaste		FSUBS, RORGS or INCIN
] D001	Ignitable Compressed Gases based on 261.21 (a)(3)  Not Applie		DEACT
] D001	Ignitable Compressed Gases based on 261.21 (a)(3)  Not Applic		DEACT
] D001		[ ] Nonwastewa	
₩ boo2			
1 D002	7	[ ] Nonwastewa	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
D002		[ ] Nonwastewa [ ] Nonwastewa	
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] D003	16	[ ] Nonwastewa	
] D003	The state of the s	[ ] Nonwastewa	
] D003	Water Reactives 261.23 (a)(2), (3) and (4)	water	DEACT
] D003	Other Reactives 261.23 (a)(1) [ ] Wastewater	[ ] Nonwastewa	ter DEACT
] D006	Cadmium Containing Batteries Nonwaste	water	RTHRM
] D008	Lead Acid Batteries Nonwaste	water	RLEAD
J D009	High Mercury (≥ 260 mg/kg Total Mercury) with Organics Nonwaste	water	RMERC
] D009	High Mercury (≥ 260 mg/kg Total Mercury) with Inorganics Nonwaste	water	IMERC or RMERC
	WASTE: The treatment standards for the following F-listed wastes are referenced as are provided on the reverse side of this form. There are no waste subcategories or		
the the second			
Waste Code	Treatment Standard		
] F001	[ ] Wastewater [ ] Nonwastewater see reverse side		
] F002	[ ] Wastewater [ ] Nonwastewater see reverse side		
] F003	[ ] Wastewater [ ] Nonwastewater see reverse side		
] F004	[ ] Wastewater [ ] Nonwastewater see reverse side		
] F005	[ ] Wastewater [ ] Nonwastewater see reverse side		
	and the set would be a service of the set of	A. a. Girali	
	T RESTRICTIONS: The hazardous waste included in this waste shipment exceeds the pand RCRA 3004(d). Treatment standards are provided on the reverse side of this for		ornia List* prohibition levels as set forth
[]H	OCs ≥ 1,000 ppm [ ] Cyanides ≥ 1,000 ppm [ ] PCB liquids ≥ 50 ppm	[ ] Liquids with	restricted metals, i.e. Hg, Ni, Se, Th.
	( ) - [ - [ [ [ [ [ ] ] ] ] ] [ [ ] ] [ ] [		
	## 50 : # [] # # [] # [] # [] # [] # [] # []		

#### SOLVENT AND CALIFORNIAL LIST TREATMENT STANDARDS

If the waste identified on the other side of this form is described by any of the following USEPA hazardous waste codes: F001, F002, F003, F004, F005, and/or this hazardous waste is subject to any prohibitions identified as California List restrictions (40 CFR 268.32 and/or RCRA Section 3004(d)), then this page MUST accompany the shipment, along with the opposite side of this form. If the waste is a multi-source leachate with Hazardous Waste Number F039, then the corresponding treatment standards must be attached.

#### SOLVENT WASTE TREATMENT STANDARDS

F001 through F005	Treatment	Standard*	F001 through F005	Treatment :	Standard*
spent solvent constituents and their USEPA waste code(s)	Wastewater	Nonwastewater	spent solvent constituents and their USEPA waste code(s)	Wastewater	Nonwastewater
Acetone (F003)	0.05	0.59	Methylene chloride (F001, F002)	0.20	0.96
Benzene (F005)	0.07 40 CFR 268.43(a)	3.7 40 CFR 268.43(a)	Methylene chloride from pharmaceutical production (F001, F002, F003, F004, F005)	0.44 40 CFR 268.43(a)	0.96
n-Butyl alcohol(F003)	5.0	5.0	Methyl ethyl ketone (F005)	0.05	0.75
Carbon disulfide (F005)	1.05	4.81	Methyl isobutyl ketone (F003)	0.05	0.33
Carbon tetrachloride (F001)	0.05	0.96	Nitrobenzene (F004)	0.66	0.125
Chlorobenzene (F002)	; 0.15	0.05	2-Nitropropane (F005)	(WETOX or CHOXD) followed by CARBN or INCIN 40 CFR 268.42	INCIN 40 CFR 268.42
Cresols (and Cresylic acid) (F004)	2.82	0.75	Pyridine (F005)	1.12	0.33
Cyclohexanone (F003)	0.125	0.75	Tetrachioroethylene (F001, F002)	0.079	0.05
1,2-Dichlorobenzene (F002)	0.65	0.125	Toluene (F005)	1.12	0.33
2-Ethoxyethanol (F005)	INCIN or BIODG 40 CFR 268.42	INCIN 40 CFR 268.42	1,1,1-Trichloroethane (F001, F002)	1.05	0.41
Ethyl acetate (F003)	0.05	0.75	1,1,2-Trichloroethane (F002)	0.03 40 CFR 268.43(a)	7.6 40 CFR 268.43(a)
Ethylbenzene (F003)	0.05	0.053	1,1,2-Trichloro-1,2,2- triflouroethane (F002)	1.05	0.96
Ethyl Ether (F003)	0.05	0.75	Trichloroethylene (F001, F002)	0.062	0.091
Isobutanol (F005)	5.0	5.0	Trichlorotriflouroethane (F002)	0.05	0.96
Methanol (F003)	0.25	0.75	Xylene (F003)	0.05	0.15

<sup>\*</sup> All spent solvent treatment standards are taken from 40 CFR 268.41, unless otherwise noted. Wastewater units are mg/l, nonwastewater are mg/kg

### CALIFORNIAL LIST TREATMENT STANDARDS - 40 CFR 268.32 and RCRA Section 3004(d)

A waste must first be designated as	a USEPA Hazardous waste before it is subject to the Cali	formia List restrictions
Restricted Waste Description	Prohibitions	Treatment Standard
Liquid or nonliquid wastes containing Halogenated Organic Compound listed in 40 CFR 268 Appendix III	Liquid wastes Greater than or equal to 1,000 mg/l Nonliquid wastes greater than or equal to 1,000 mg/kg	40 CFR 268.42(a)(2) INCIN
Liquid wastes containing Polychlorinated biphenyl (PCB)	Greater than or equal to 50 ppm	40 CFR 268.42(a)(1) INCIN or FSUBS also see 40 CFR 761.60 and .70
Liquid wastes containing Cyanides	Free (amenable to chlorination) cyanides in concentrations greater than or equal to 1,000 mg/l	RCRA Section 3004(d)
Liquid wastes containing metals	One or more of the following metals (or elements) in concentrations ≤ the following: Mercury at 20 ppm Nickel at 134 ppm Selenium at 100 ppm Thallium at 130 ppm	RCRA Section 3004(d)

<u>Variances</u>: Inorganic Solid Debris characteristic for metals, D004 nonwastewaters, D008 Lead Acid Battery waste, and D009 High and Low Mercury Nonwastewaters are under a National Capacity Variance and are not prohibited from land disposal until May 8, 1992.